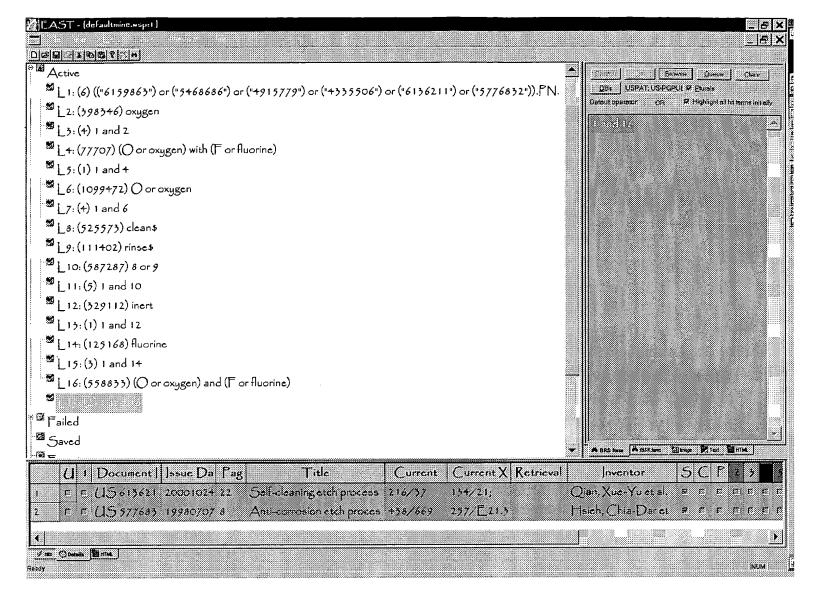


| I | | l | Time stamp |
|--------------------|---|--|--|
| | | | |
| 5411 | ((438/694) or (438/695) or (438/700) or (438/702) or (438/703) or (438/706) or (438/711) or (438/737) or (438/763) or (438/786) or (438/787) | USPAT; US-PGPUB | 2004/02/07 22:01 |
| | | _ | |
| 6+177 | (F or flurine) with (() or oxygen) | USPAT; US-PGPUB | 2004/02/07 |
| 1 111 9 | (cleaning or clean or cleans or cleaned or rinsing or rinse or rinses or rinsed) with (O or oxygen) | USPAT; US-PGPUB | 2004/02/07 |
| 1026 | (metal or metals) with (hardmask or hardmasks or hardmasked or hardmasking or "hard mask" or "hard-mask" or "hard masked" or "hard masking" or "hard-masking" or "hard-masking") | USPAT; US-PGPUB | 2004/02/07 22:07 |
| 230141 | etch\$ | USPAT; US-PGPUB | 2004/02/07 |
| 4669 | (((438/694) or (438/695) or (438/700) or (438/702) or (438/703) or (438/706) or (438/711) or (438/737) or (438/786) or (438/786) or (438/787) or (438/791) or (438/905) or (438/942)).CCLS.) and etchs | USPAT; US-PGPUB | 2004/02/07 22:07 |
| 177 | ((F or flurine) with (O or oxygen)) and ((((438/694) or (438/695) or (438/700) or (438/702) or (438/703) or (438/706) or (438/711) or (438/737) or (438/763) or (438/786) or (438/787) or (438/905) or (438/942)). ((1,5.) and etch\$) | USPAT; US-PGPUB | 2004/02/07 22:07 |
| 29 | ((cleaning or clean or cleans or cleaned or rinsing or rinse or rinses or rinsed) with (() or oxygen)) and ((() or oxygen)) and ((() or oxygen)) and ((() or oxygen)) and (() or oxygen)) and (() or oxygen)) or (438/694) or (438/705) or (438/706) or (438/701) or (438/707) or (438/707) or (438/707) or (438/707) or (438/707) | USPAT; US-PGPUB | 2004/02/07 22:07 |
| | ((metal or metals) with (hardmask or hardmasks or hardmasked or hardmasking or "hard mask" or "hard-mask" or "hard-mask" or "hard-mask" or "hard-masked" or "hard masking" or "hard-masking") and (((cleaning or clean or cleans or cleaned or rinsing or rinse or rinses or rinsed) with (() or oxygen)) and (((for flurine) with (() or oxygen)) and (((438/694) or (438/703) or (438/706) or (438/711) or (438/737) or (438/763) or (438/786) or | USPAT; US-PGPUB | 2004/02/07 |
| | 6+177 1 111 9 1026 2301+1 4669 | or (+38/703) or (+38/706) or (+38/711) or (+38/737) or (+38/737) or (+38/763) or (+38/786) or (+38/787) or (+38/797) or (+38/797) or (+38/797) or (+38/797) or (+38/797). CCLS. 6+177 (F or flurine) with (() or oxygen) 1026 (deaning or clean or cleans or cleaned or rinsing or rinse or rinses or rinsed) with (() or oxygen) 1026 (metal or metals) with (hardmask or hardmasks or hardmasked or hardmasking or "hard masks" or "hard-masks" or "hard-masks" or "hard-masks" or "hard-masks" or "hard-masking" or "hard-masking" or "hard-masking") 2501+1 etchs 4669 (((+38/69+) or (+38/695) or (+38/700) or (+38/702) or (+38/703) or (+38/705) or (+38/787) or (+38/797) or (+38/706) or (+38/711) or (+38/797) or (+38/706) or (+38/787) or (+38/787) or (+38/705) or (+38/787) or (+38/705) or (+38/787) or (+38/705) or (+38/787) or (+38/707) or (+38/705) or (+38/787) or (+38/707) or (+38/708) or (+ | or (+38/703) or (+38/706) or (+38/711) or (+38/737) or (+38/763) or (+38/786) or (+38/787) or (+38/787) or (+38/786) or (+38/787) or (+38/787) or (+38/786) or (+38/787) or (+38/787) or (+38/787) or (+38/787) or (+38/787) or (+38/788) or (+38/788) or (+38/787) or (+38/787) or (+38/788) or (+38/787) or (+38/788) or (+38/787) or (+38/788) or (+38/787) or (+38/787) or (+38/788) or (+ |

| 10 | 3215536 | @ad<20010223 | USPAT: | 2004/02/07 |
|-----|---------|---|----------|------------|
| | | | US-PGPUB | 22:11 |
| 1 1 | 177 | (((F or flurine) with (O or oxygen)) and ((((438/694) or | USPAT; | 2004/02/07 |
| | | (438/695) or (438/700) or (438/702) or (438/703) | US-PGPUB | 22:11 |
| | | or (438/706) or (438/711) or (438/737) or | | |
| | | (438/763) or (438/786) or (438/787) or (438/791) | | |
| | | or (438/905) or (438/942)).CCLS.) and etch\$)) or | | |
| | | (((cleaning or clean or cleans or cleaned or rinsing or | | |
| | | rinse or rinses or rinsed) with (O or oxygen)) and (((F or | | |
| | | flurine) with (O or oxygen)) and ((((438/694) or | | |
| | | (438/695) or (438/700) or (438/702) or (438/703) | | |
| | | or (438/706) or (438/711) or (438/737) or | | |
| | | (438/763) or (438/786) or (438/787) or (438/791) | | |
| | | or (438/905) or (438/942)).CCLS.) and etch\$))) or | | |
| | | (((metal or metals) with (hardmask or hardmasks or | | |
| | | hardmasked or hardmasking or "hard mask" or | | |
| | | "hard-mask" or "hard masks" or "hard-masks" or "hard | | |
| | | masked" or "hard-masked" or "hard masking" or | | |
| | | "hard-masking")) and (((cleaning or clean or cleans or | | |
| | | cleaned or rinsing or rinse or rinses or rinsed) with (O or | | |
| | | oxygen)) and (((F or flurine) with (O or oxygen)) and | | |
| | | ((((438/694) or (438/695) or (438/700) or | , | |
| | | (+38/702) or (+38/703) or (+38/706) or (+38/711) | , | |
| | | or (438/737) or (438/763) or (438/786) or | | |
| | | (+38/787) or (+38/791) or (+38/905) or | | |
| | | (438/942)).CCLS.) and etch\$)))) | | |

| 2 | 137 | @ad<20010223 and ((((F or flurine) with () or | USPAT; | 2004/02/07 |
|---|--|---|----------|------------|
| | | oxygen)) and ((((438/694) or (438/695) or (438/700) | US-PGPUB | 22:11 |
| | | or (438/702) or (438/703) or (438/706) or | | |
| | : | (438/711) or (438/737) or (438/763) or (438/786) | | |
| | | or (438/787) or (438/791) or (438/905) or | | |
| | (438/942)).CCLS.) and etch\$)) or (((cleaning or | | | |
| | | clean or cleans or cleaned or rinsing or rinse or rinses or | | |
| | | rinsed) with (O or oxygen)) and (((F or flurine) with (O | | |
| | | or oxygen)) and ((((438/694) or (438/695) or | | |
| | | (438/700) or (438/702) or (438/703) or (438/706) | | |
| | | or (438/711) or (438/737) or (438/763) or | | |
| | | (438/786) or (438/787) or (438/791) or (438/905) | | |
| | | or (438/942)).CCLS.) and etch\$))) or (((metal or | | |
| | | metals) with (hardmask or hardmasks or hardmasked or | | |
| | | hardmasking or "hard mask" or "hard-mask" or "hard | | |
| | | masks" or "hard-masks" or "hard masked" or | | |
| | | "hard-masked" or "hard masking" or "hard-masking")) | | |
| | | and (((cleaning or clean or cleans or cleaned or rinsing | | |
| | or rinse or rinses or rinsed) with (O or oxygen)) and (((F | | | |
| | or flurine) with (() or oxygen)) and ((((438/694) or | | | |
| | (438/695) or (438/700) or (438/702) or (438/703) | | | |
| | | or (438/706) or (438/711) or (438/737) or | | |
| | | (438/763) or (438/786) or (438/787) or (438/791) | | |
| | | or (438/905) or (438/942)). CCLS.) and etch\$))))) | | |



| L | Hits | Search Text | DB | Time stamp |
|------------|---------|--|------------|------------|
| Number | | | | |
| i | 6 | (("6159863") or ("5468686") or ("4915779") or | USPAT; | 2004/02/07 |
| | | ("4335506") or ("6136211") or ("5776832")).PN. | US-PGPUB | 17:42 |
| 2 | 398346 | oxygen | USPAT; | 2004/02/07 |
| | | | US-PGPUB | 17:59 |
| 3 | 4 | ((("6159863") or ("5468686") or ("4915779") or | USPAT; | 2004/02/07 |
| | | ("4335506") or ("6136211") or ("5776832")).PN.) and oxygen | US-PGPUB | 17:43 |
| 4 | 77707 | (O or oxygen) with (F or fluorine) | USPAT; | 2004/02/07 |
| | | | US-PGPUB | 20:03 |
| 5 | 1 | ((("6159863") or ("5468686") or ("4915779") or | USPAT: | 2004/02/07 |
| · | | ("4335506") or ("6136211") or ("5776832")).PN.) and | US-PGPUB | 17:44 |
| | + | ((O or oxygen) with (F or fluorine)) | | |
| 6 | 1099472 | O or oxygen | USPAT; | 2004/02/07 |
| | | 33 | US-PGPUB | 17:59 |
| . <i>1</i> | 4 | ((("6159863") or ("5468686") or ("4915779") or | USPAT: | 2004/02/07 |
| , | 1 | ("4335506") or ("6136211") or ("5776832")).PN.) and | US-PGPUB | 18:05 |
| | | (O or oxygen) | 0.0 , 0.00 | |
| 8 | 525573 | clean\$ | USPAT; | 2004/02/07 |
| | 72/// | Cicana | US-PGPUB | 18:06 |
| 9 | 111402 | rínse\$ | USPAT; | 2004/02/07 |
| 7 | 111102 | 111364 | US-PGPUB | 18:06 |
| 10 | 587287 | cleans or rinses | USPAT; | 2004/02/07 |
| 10 |)8/28/ | Cicany or ringey | US-PGPUB | 18:06 |
| | | ((("6159863") or ("5468686") or ("4915779") or | USPAT: | 2004/02/07 |
| 11 | 5 | (("47375506") or ("6136211") or ("5776832")).PN.) and | US-PGPUB | 19:19 |
| | | (clean\$ or rinse\$) | 454 GI 4D | 17.17 |
| | 720112 | | USPAT; | 2004/02/07 |
| 12 | 329112 | inert | US-PGPUB | 19:19 |
| | | ((("6159863") or ("5468686") or ("4915779") or | USPAT; | 2004/02/07 |
| 13 | 1 | | US-PGPUB | |
| | | ("4335506") or ("6136211") or ("5776832")).PN.) and inert | US-1 GI UD | 19:19 |
| 14 | 125168 | fluorine | USPAT; | 2004/02/07 |
| ' ' | 1.27,00 | | US-PGPUB | 19:36 |
| 15 | 3 | ((("6159863") or ("5468686") or ("4915779") or | USPAT: | 2004/02/07 |
| ' ' | | ("4335506") or ("6136211") or ("5776832")).PN.) and | US-PGPUB | 19:37 |
| | | fluorine | 0010100 | |
| 16 | 558833 | (O or oxygen) and (F or fluorine) | USPAT; | 2004/02/07 |
| . • | | | US-PGPUB | 20:03 |
| 17 | 2 | ((("6159863") or ("5468686") or ("4915779") or | USPAT; | 2004/02/07 |
| '/ | | ("4335506") or ("6136211") or ("5776832")).PN.) and | US-PGPUB | 20:03 |
| | | ((O or oxygen) and (F or fluorine)) | 30,0,00 | |